

10. A plate heat exchanger according to claim 9, further comprising an intermediate piece (5) comprising at least two different metals or metal alloys (6, 7) connecting the two non-weldable parts to each other.

11. A plate heat exchanger according to claim 10, wherein the intermediate piece (5) is produced by explosive plating.

12. A plate heat exchanger according to claim 8, wherein sheets (2) consist essentially of aluminum.

13. A plate heat exchanger according to claim 8, wherein header (3) consists essentially of steel.

14. A plate heat exchanger according to claim 10, wherein the intermediate piece (5) contains aluminum on one side and steel on the other side.

15. A plate heat exchanger according to claim 14, wherein the sheets (2) consist essentially of aluminum and the header (3) consists essentially of steel, wherein the intermediate piece is welded, steel-to-steel, to the header and the intermediate piece is welded, aluminum-to-aluminum, to at least one of (a) the housing and (b) the corrugated sheets.


16. A combination of a heat exchange header consisting essentially of steel and a connecting piece consisting essentially of steel on one side and consisting essentially of aluminum on the other side, said header being welded to the steel side of said connecting piece.

#### REMARKS

New claims 8-14 substantially mirror original claims 1-7, but to facilitate examination and save fees, none of the claims is multiply dependent. New claims 15-16 are directed to preferred aspects of the original claims. In any case, Applicants reserve the right to reintroduce claims to canceled combined subject matter.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "**Version With Markings To Show Changes Made**".

Respectfully submitted,



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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS**

Claims 1-7 have been deleted.

Claims 8-16 have been added.

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